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Subject: More Open Baffle Speakers

Posted by [AudioFred](#) on Thu, 06 Jun 2013 10:16:21 GMT

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The 7' 8" tall baffles for the DR912ad line arrays are completed. The next task is to design and fabricate a base and a support mechanism to keep them standing upright. These speakers currently exist as the DR912a speakers, a bass reflex enclosed design. The new speakers' dimensions will be 94"H, 17"W, 2.5"D.

The DR912ad (dipole) version is an open baffle variation using the same array of nine BG Neo 8 PDR tweeters with twelve 7" Dayton Audio RS180 midwoofers per side. The TC Sounds Epic 12 bass reflex subwoofer used with the ported version will be replaced by two H-frame Eminence Alpha 15 open baffle subwoofers. The open back version will also use the same DEQX digital processor for control preamp, crossover, equalization and room correction functions, with the tweeters, midwoofers and subwoofers each having their own amplification channel.

Yes, routing the holes and rebates for 42 drivers does create lots of sawdust! And, no, these will not be going to the 2014 LSAF. They're too tall to transport and they require a much bigger room than the standard suites. The ideal listening distance is about twelve feet from the baffles, which must be placed at least three feet from the wall behind them.

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#### File Attachments

1) [DSC01915.JPG](#), downloaded 4669 times

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Subject: Re: More Open Baffle Speakers

Posted by [Wayne Parham](#) on Thu, 06 Jun 2013 18:32:47 GMT

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Fred, that looks like it will be incredible!

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Subject: Re: More Open Baffle Speakers

Posted by [AudioFred](#) on Wed, 28 Aug 2013 20:48:38 GMT

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Finally nearing completion.

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#### File Attachments

1) [DR912ad.jpg](#), downloaded 4167 times

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Subject: Re: More Open Baffle Speakers  
Posted by [Wayne Parham](#) on Thu, 29 Aug 2013 05:57:52 GMT  
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I'll bet those sound incredible!

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Subject: Re: More Open Baffle Speakers  
Posted by [AudioFred](#) on Thu, 29 Aug 2013 16:24:12 GMT  
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Wayne Parham wrote on Thu, 29 August 2013 00:57  
I'll bet those sound incredible!

We'll find out next week when the ofc hookup wire and quick disconnects arrive from Parts Express.

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Subject: Re: More Open Baffle Speakers  
Posted by [AudioFred](#) on Sun, 08 Sep 2013 20:24:37 GMT  
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The "Towers of Awesomeness" are finally playing and I really do like the sound. Much better than they sounded as closed back bass reflex boxes. The BG planar tweeters are especially nice in ob configuration. Remind me of my Maggie 1.6's, but about 10dB more sensitive.

[http://fredt300b.smugmug.com/Hobbies/Speakers/132721\\_kcDVMw#!i=2729762486&k=CwJWjc2](http://fredt300b.smugmug.com/Hobbies/Speakers/132721_kcDVMw#!i=2729762486&k=CwJWjc2)

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